

Title (en)

Apparatus and method for managing power in a hybrid vehicle

Title (de)

Vorrichtung und Verfahren zur Leistungssteuerung in einem Hybridfahrzeug

Title (fr)

Dispositif et procédé de gestion de puissance en un véhicule hybride

Publication

**EP 2062220 B1 20111012 (EN)**

Application

**EP 07800541 A 20070830**

Priority

- CA 2007001516 W 20070830
- US 51517506 A 20060901

Abstract (en)

[origin: WO2008025147A1] A method and apparatus for managing power in a hybrid vehicle is disclosed. The vehicle includes an engine, an electric motor, and an energy storage element coupled to the motor. The method involves receiving a request to supply operating power to drive the vehicle and responding to the request by selecting an apportionment of operating power between the engine and the motor from among a plurality of apportionments having respective operating costs such that the selected apportionment is associated with a minimum operating cost, the operating cost including at least an engine fuel consumption cost and a storage element lifetime cost. The method further involves causing power to be supplied by at least one of the engine and the motor in accordance with the selected apportionment.

IPC 8 full level

**B60W 10/06** (2006.01); **B60W 10/08** (2006.01); **B60W 10/18** (2006.01); **B60W 10/26** (2006.01); **B60W 20/00** (2006.01)

CPC (source: EP US)

**B60K 6/48** (2013.01 - EP US); **B60L 7/18** (2013.01 - EP US); **B60L 15/20** (2013.01 - EP US); **B60L 15/2009** (2013.01 - EP US); **B60L 15/2045** (2013.01 - EP US); **B60L 50/16** (2019.01 - EP US); **B60L 50/40** (2019.01 - EP US); **B60L 58/15** (2019.01 - EP US); **B60W 10/06** (2013.01 - EP US); **B60W 10/08** (2013.01 - EP US); **B60W 10/26** (2013.01 - EP US); **B60W 20/00** (2013.01 - EP US); **B60W 20/10** (2013.01 - US); **B60W 20/11** (2016.01 - EP US); **F02D 29/02** (2013.01 - US); **B60L 2240/12** (2013.01 - EP US); **B60L 2240/14** (2013.01 - EP US); **B60L 2240/421** (2013.01 - EP US); **B60L 2240/423** (2013.01 - EP US); **B60L 2240/425** (2013.01 - EP US); **B60L 2240/427** (2013.01 - EP US); **B60L 2240/429** (2013.01 - EP US); **B60L 2240/441** (2013.01 - EP US); **B60L 2240/443** (2013.01 - EP US); **B60L 2240/445** (2013.01 - EP US); **B60L 2240/486** (2013.01 - EP US); **B60L 2240/507** (2013.01 - EP US); **B60L 2240/545** (2013.01 - EP US); **B60L 2240/547** (2013.01 - EP US); **B60L 2240/549** (2013.01 - EP US); **B60W 2050/0025** (2013.01 - EP); **B60W 2510/0623** (2013.01 - US); **B60W 2510/244** (2013.01 - EP US); **B60W 2520/10** (2013.01 - EP US); **B60W 2520/105** (2013.01 - EP US); **Y02T 10/40** (2013.01 - EP US); **Y02T 10/62** (2013.01 - US); **Y02T 10/64** (2013.01 - EP US); **Y02T 10/70** (2013.01 - EP US); **Y02T 10/7072** (2013.01 - EP US); **Y02T 10/72** (2013.01 - EP US); **Y02T 10/84** (2013.01 - US); **Y10S 903/903** (2013.01 - EP US)

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DE102010043803B4; KR20150128979A; EP2969689A4; AU2016204650B2; WO2014158826A1; US10562519B2; EP2969688B1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**WO 2008025147 A1 20080306**; AT E528189 T1 20111015; CA 2661718 A1 20080306; CA 2661718 C 20170613; EP 2062220 A1 20090527; EP 2062220 A4 20100113; EP 2062220 B1 20111012; ES 2373169 T3 20120201; US 2008059013 A1 20080306; US 2011112711 A1 20110512; US 2014257612 A1 20140911; US 7826939 B2 20101102; US 8738203 B2 20140527; US 9365132 B2 20160614

DOCDB simple family (application)

**CA 2007001516 W 20070830**; AT 07800541 T 20070830; CA 2661718 A 20070830; EP 07800541 A 20070830; ES 07800541 T 20070830; US 201414273305 A 20140508; US 51517506 A 20060901; US 92540310 A 20101019